

FIG.1

2/37

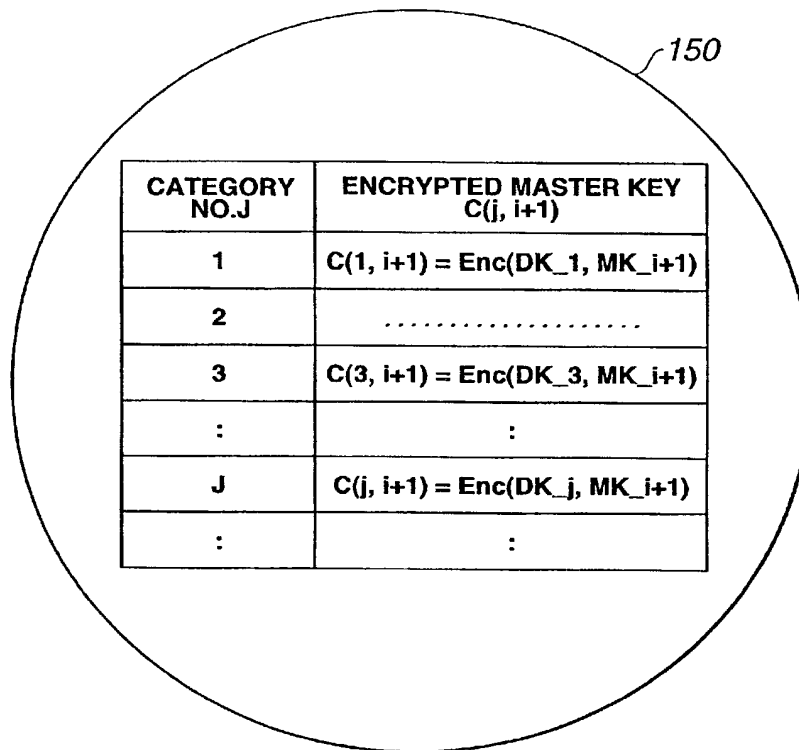


FIG.2

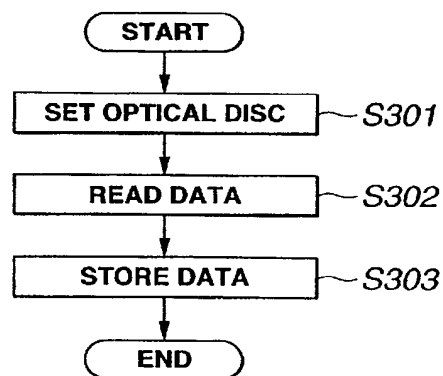


FIG.3

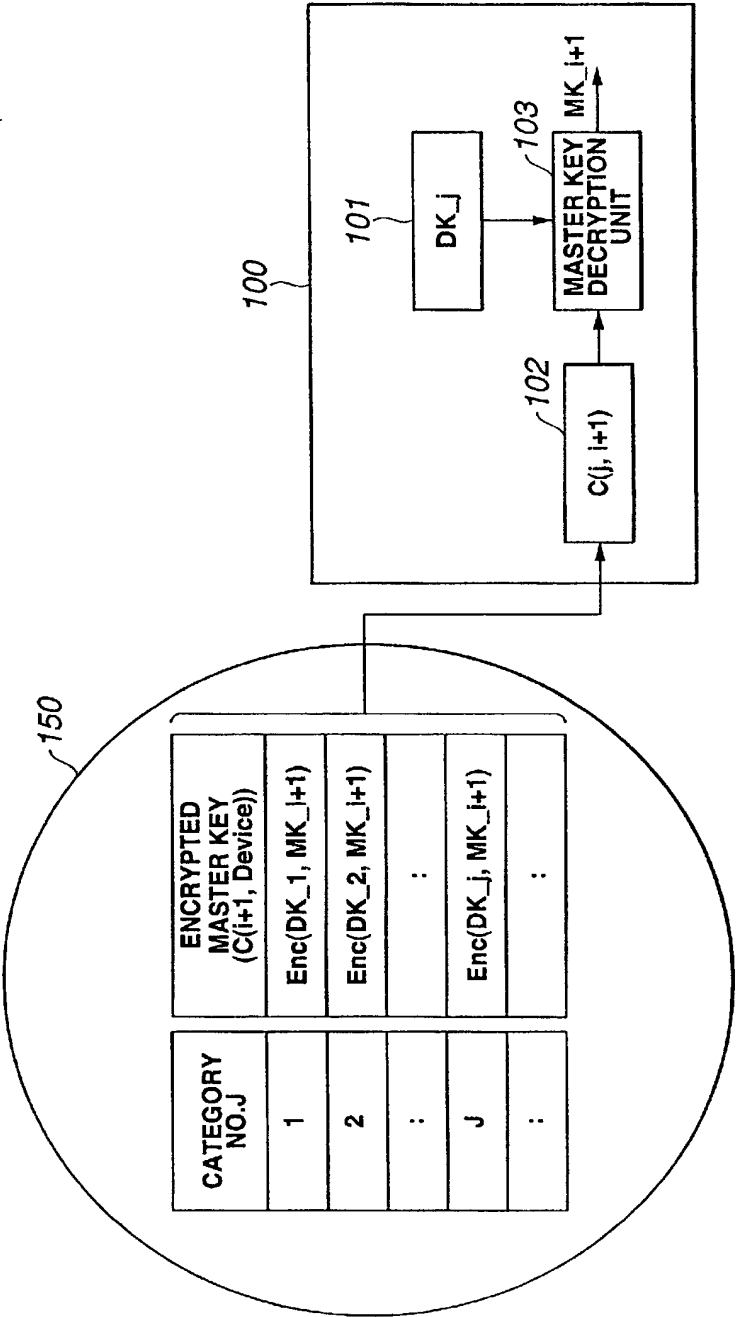
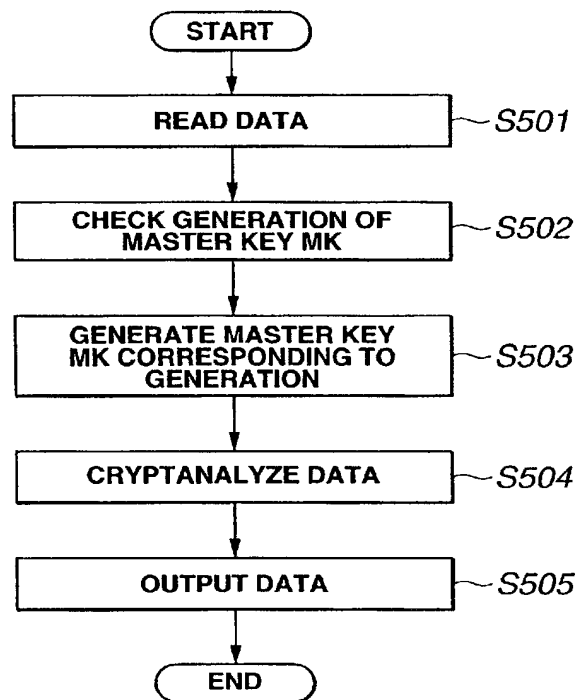


FIG.4

4/37

**FIG.5**

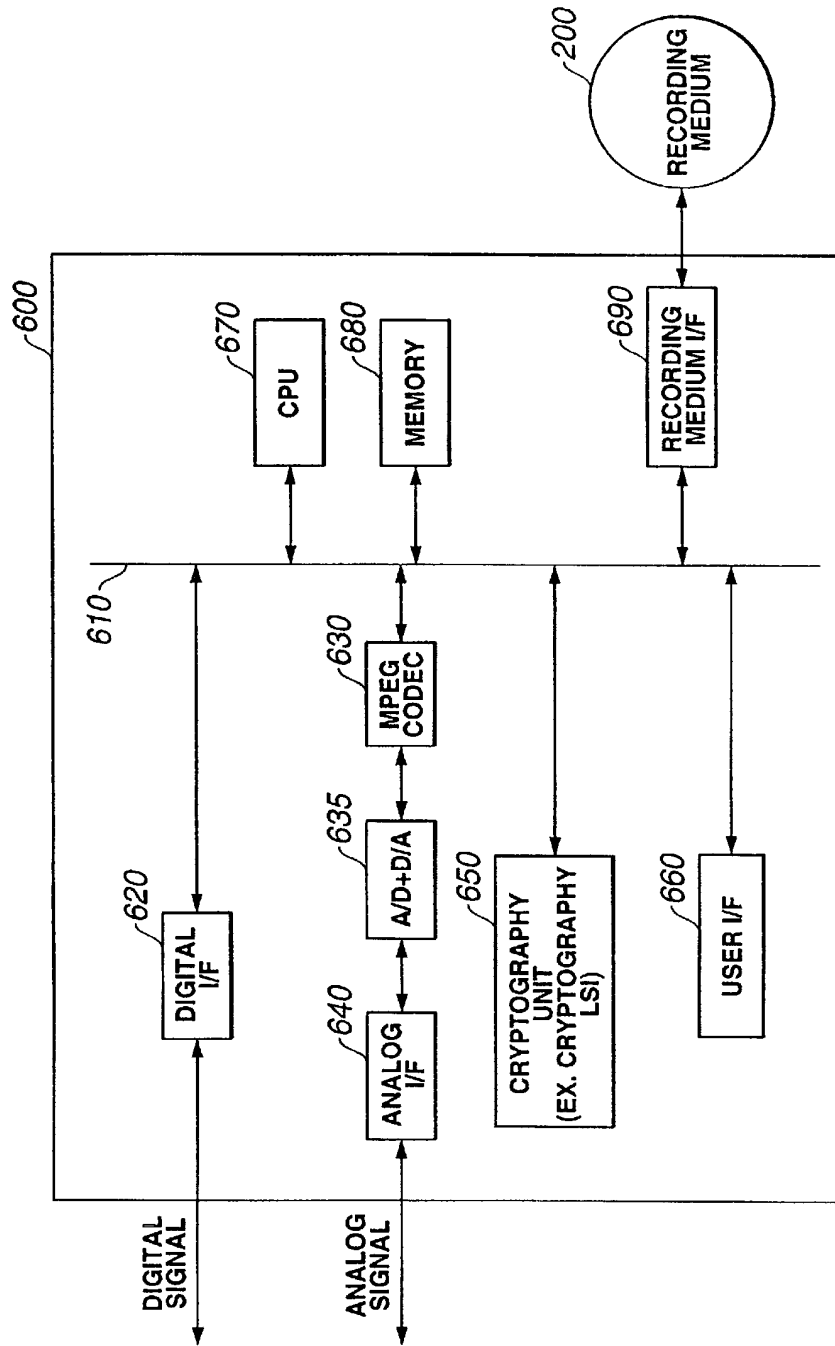


FIG.6

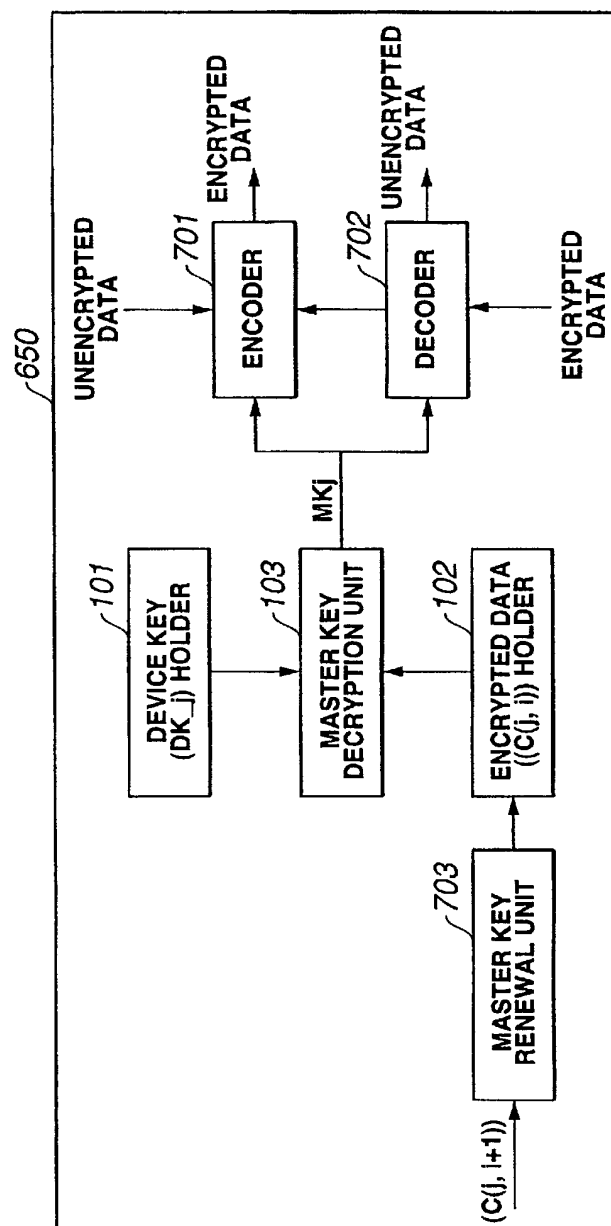


FIG.7

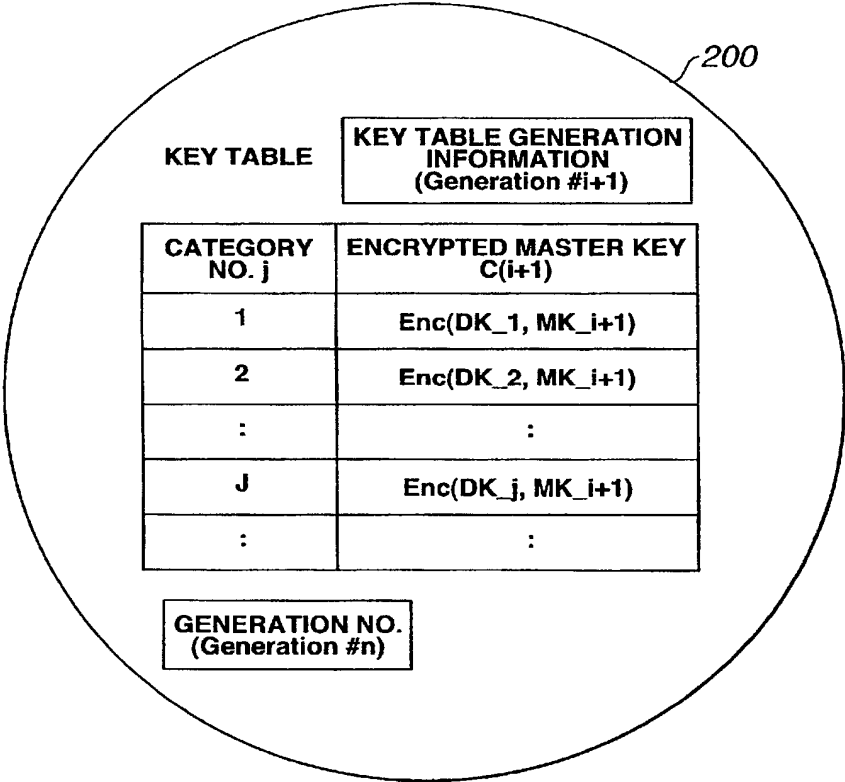


FIG.8

8/37

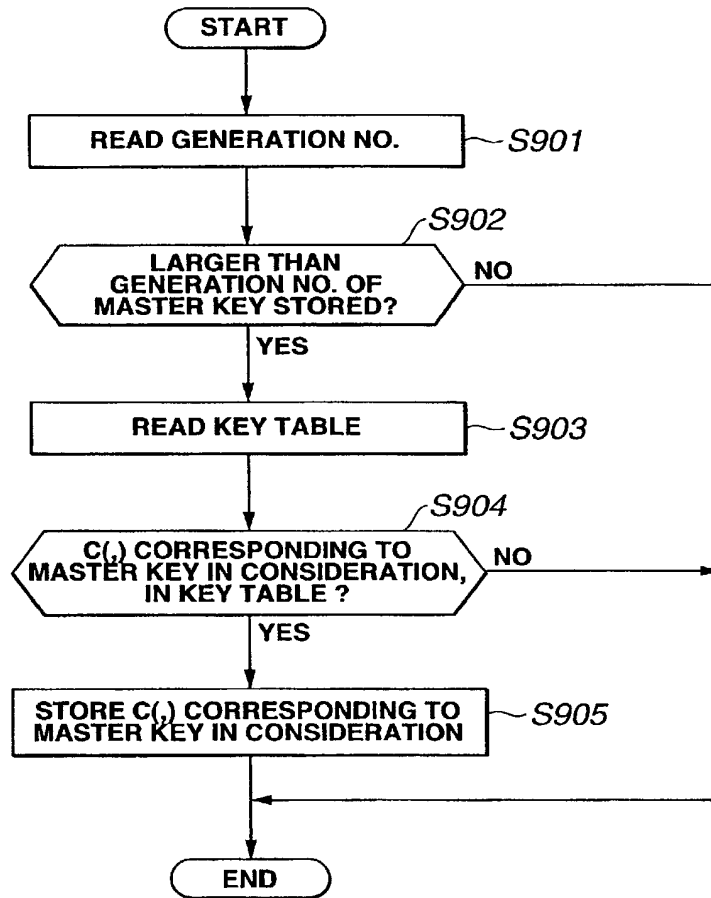


FIG.9

9/37

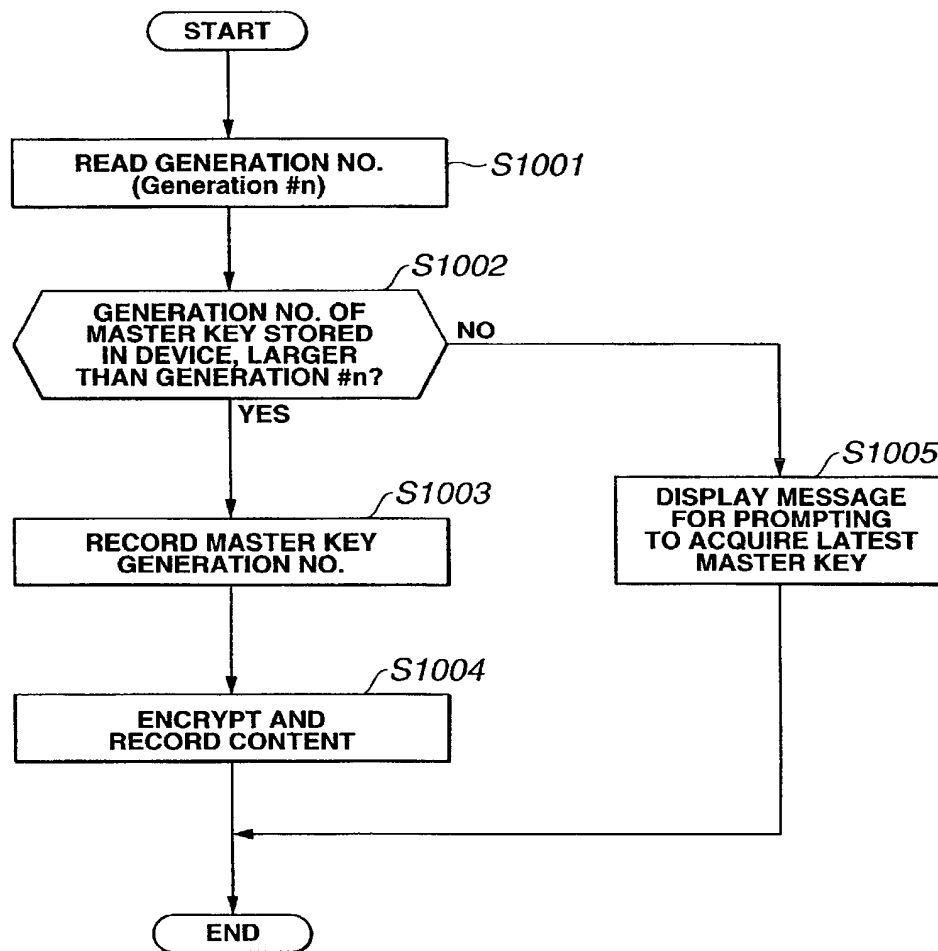


FIG.10

10/37

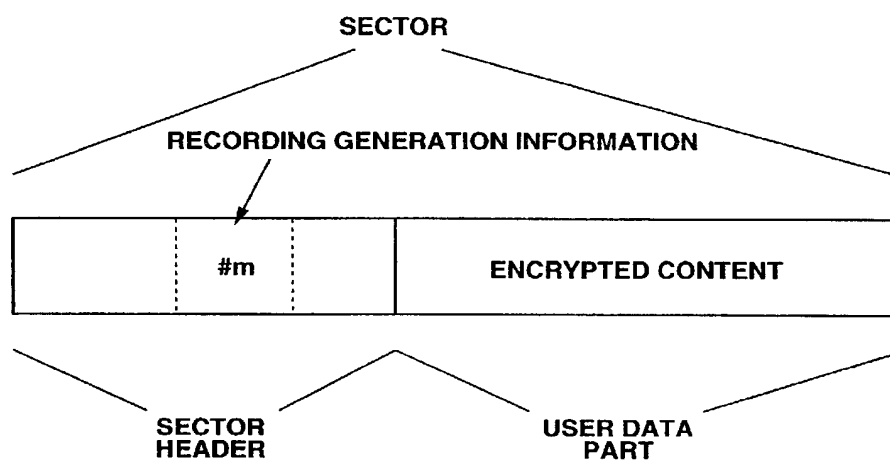


FIG.11

11/37

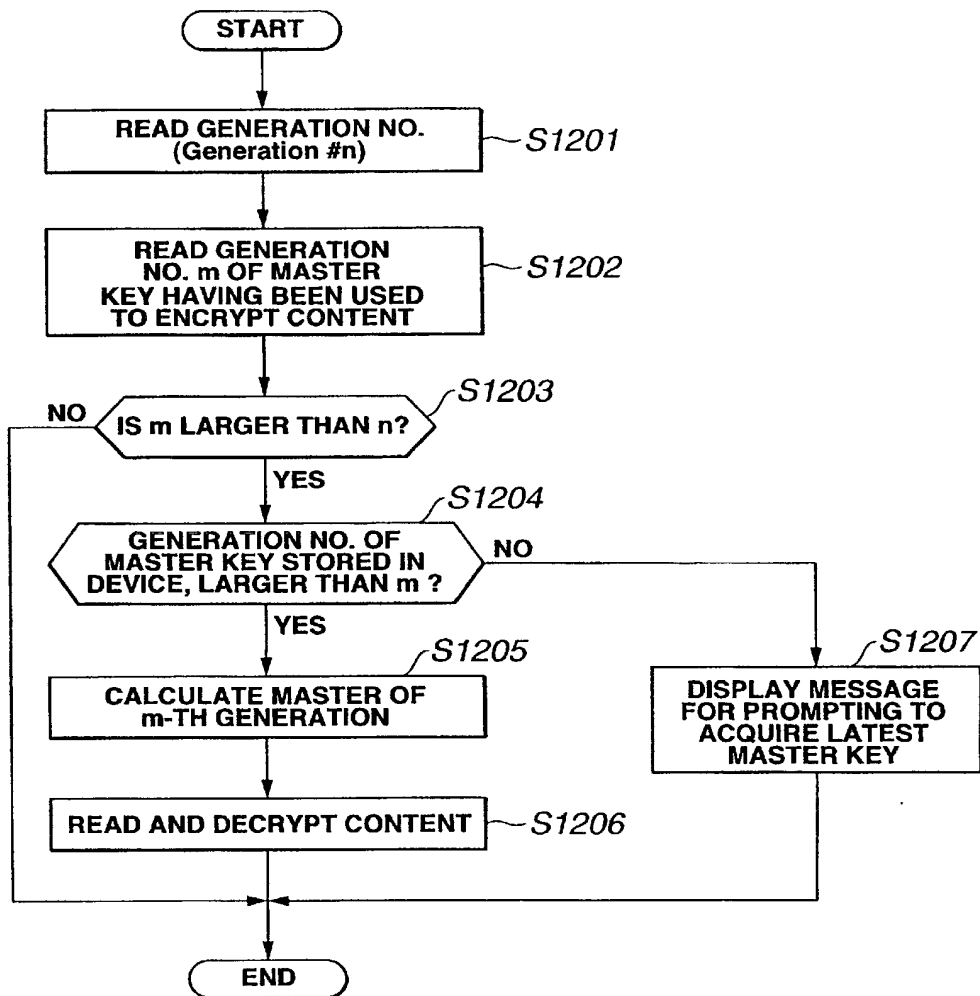


FIG.12

12/37

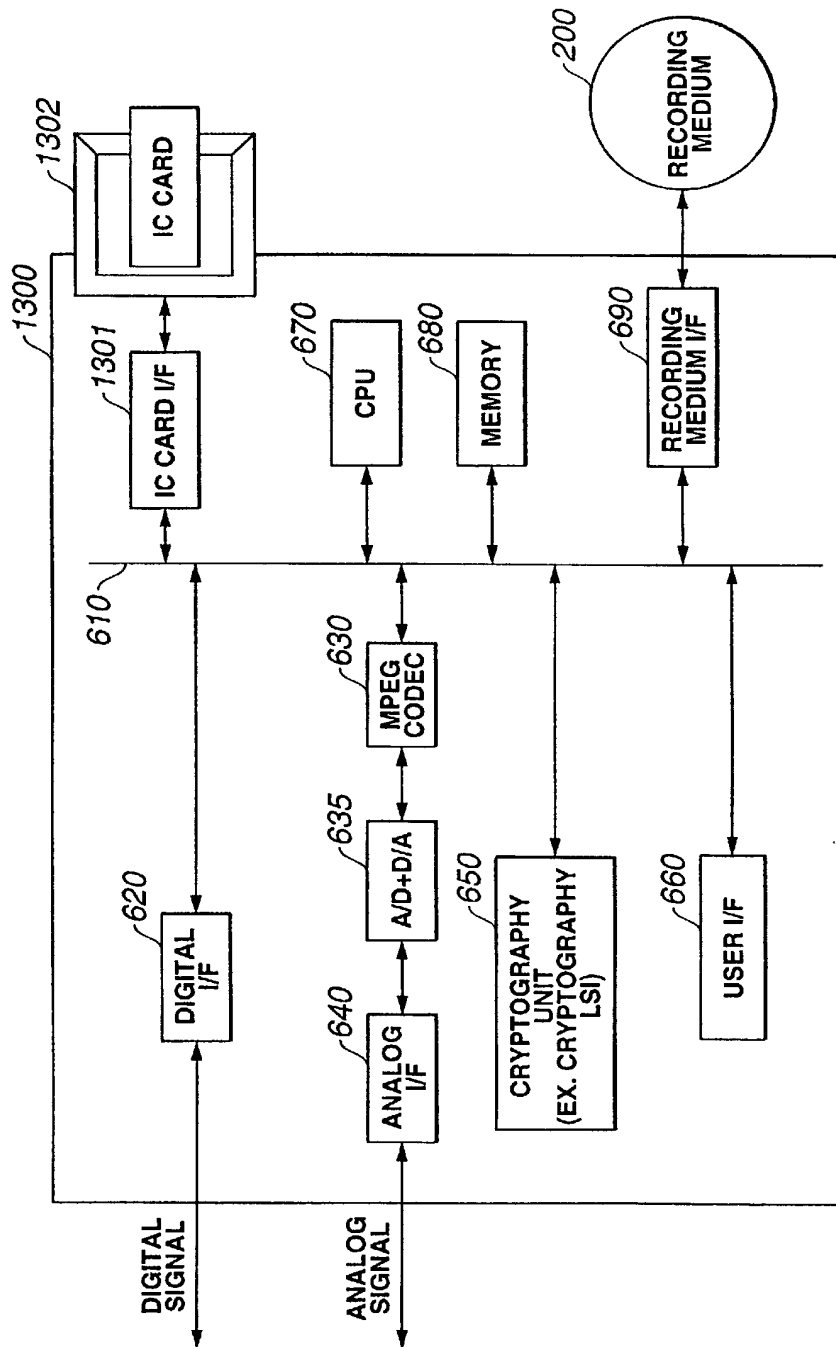


FIG.13

13/37

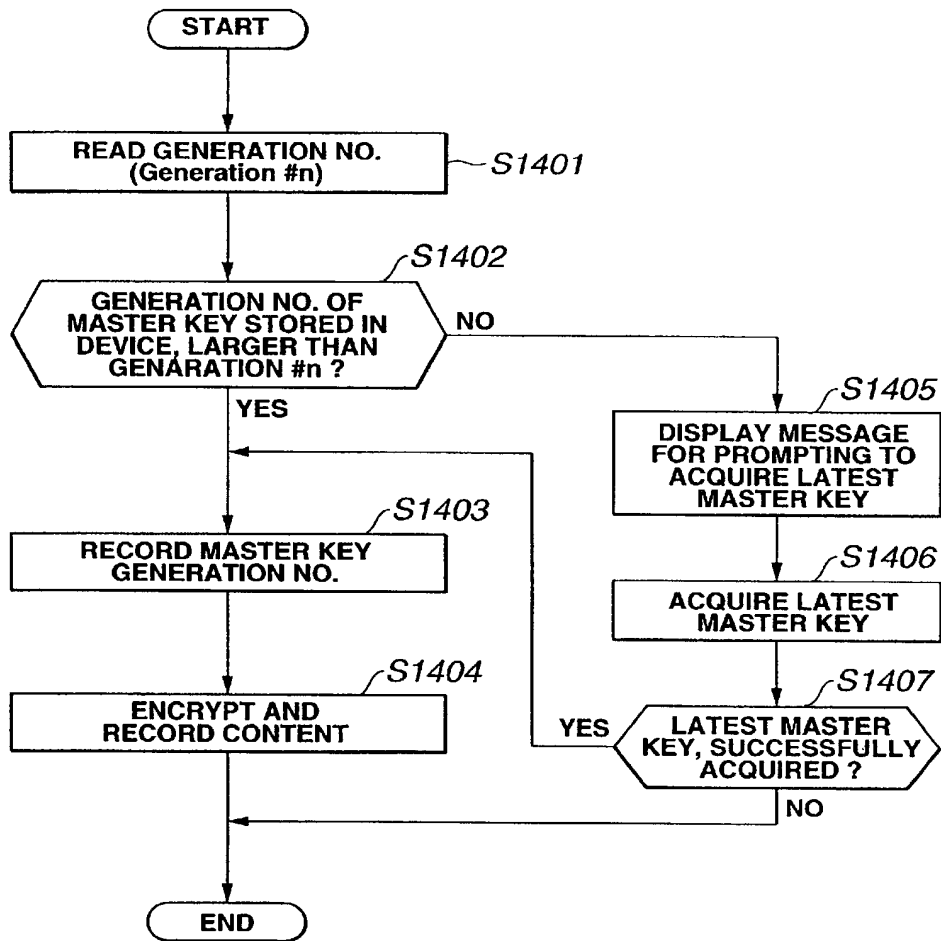


FIG.14

14/37

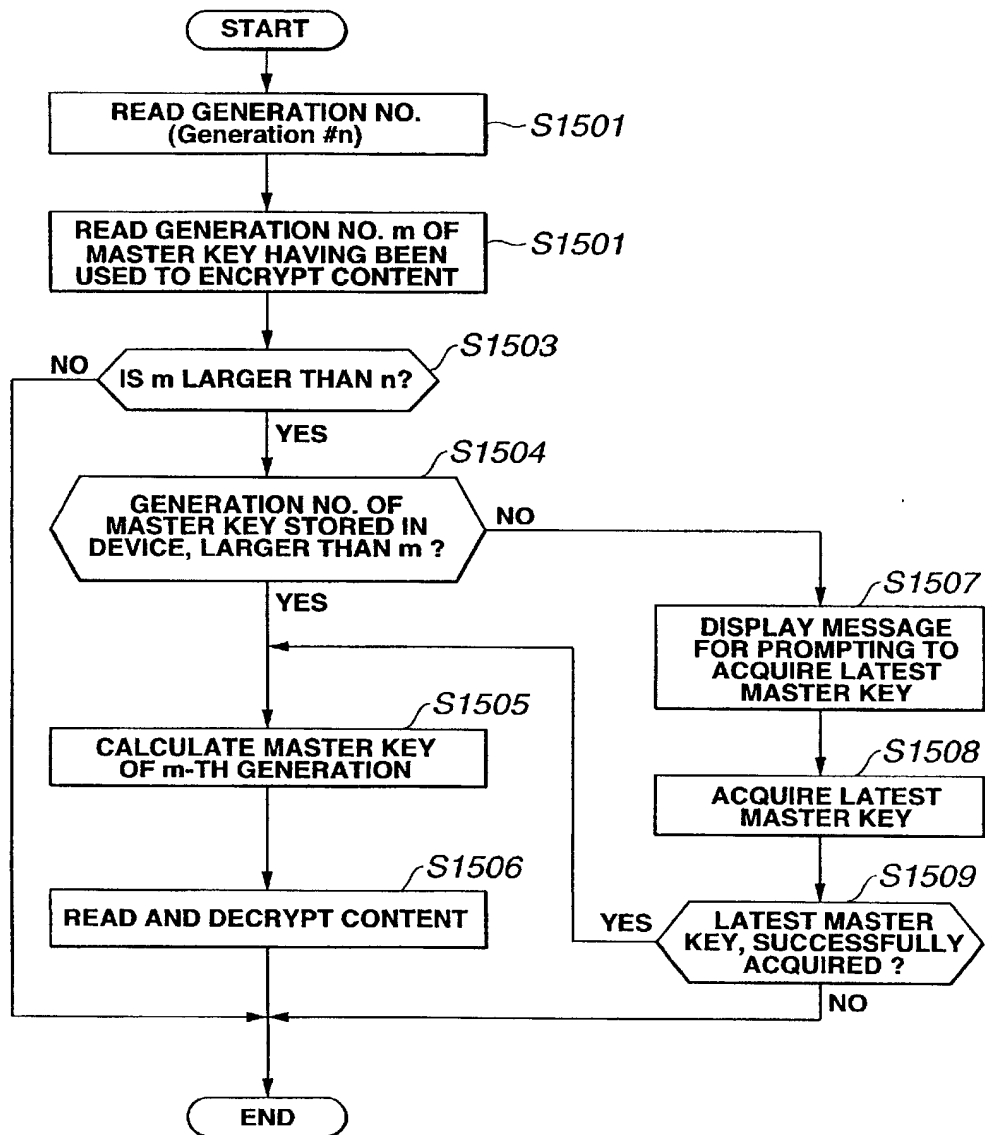


FIG.15

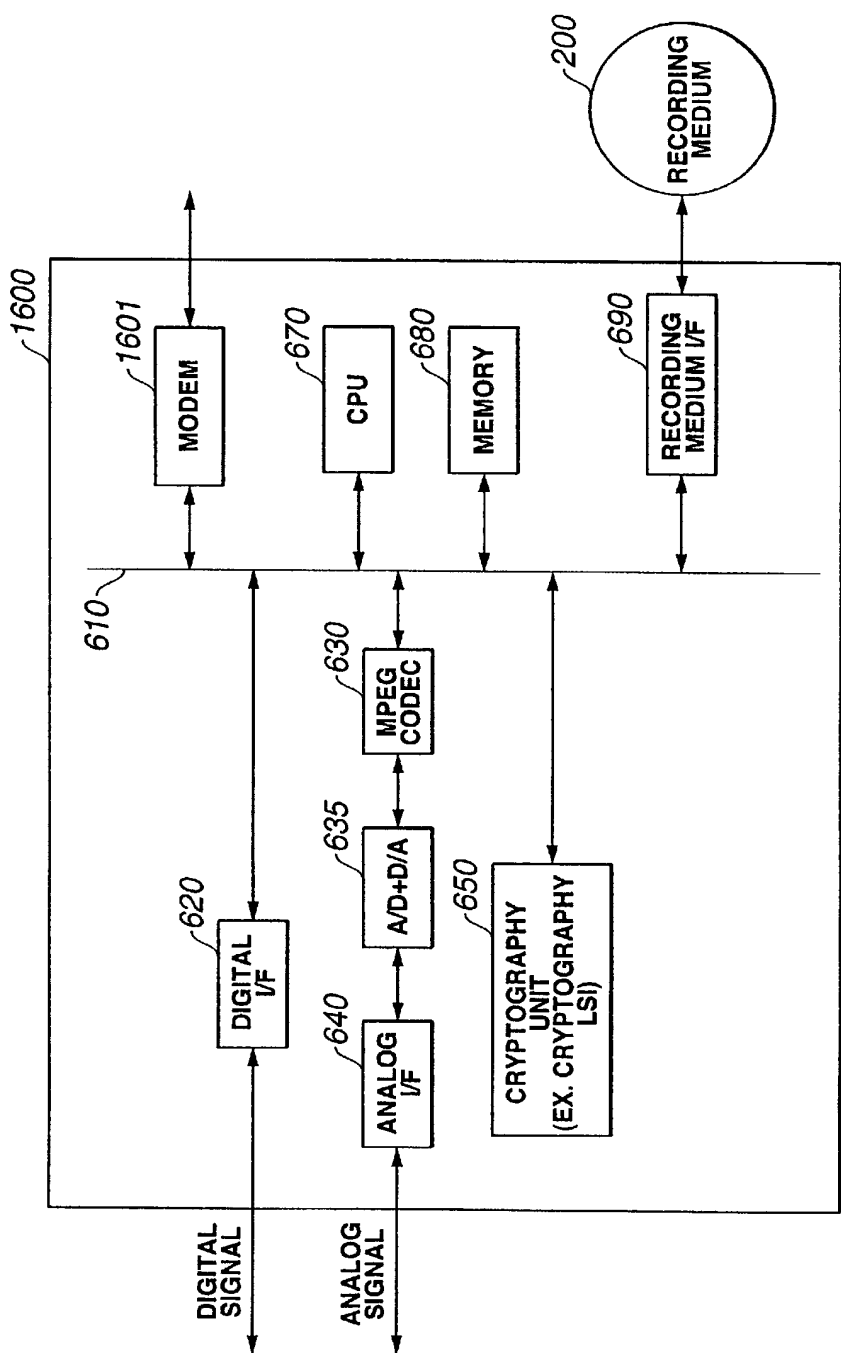


FIG.16

16/37

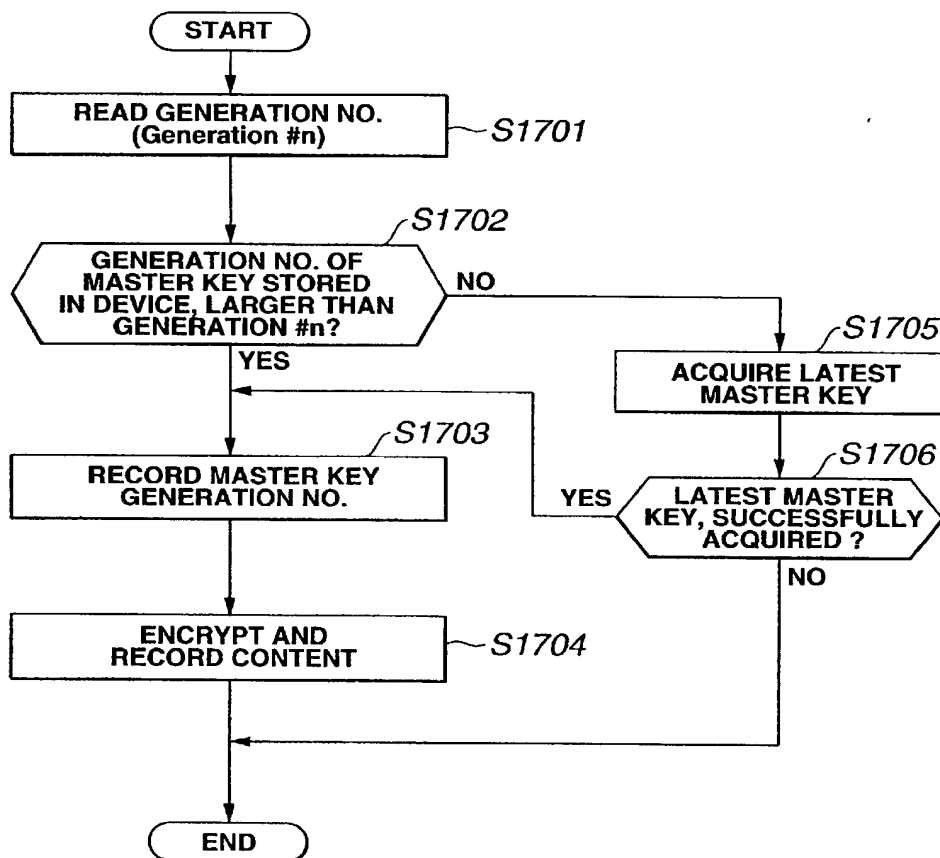


FIG.17

17/37

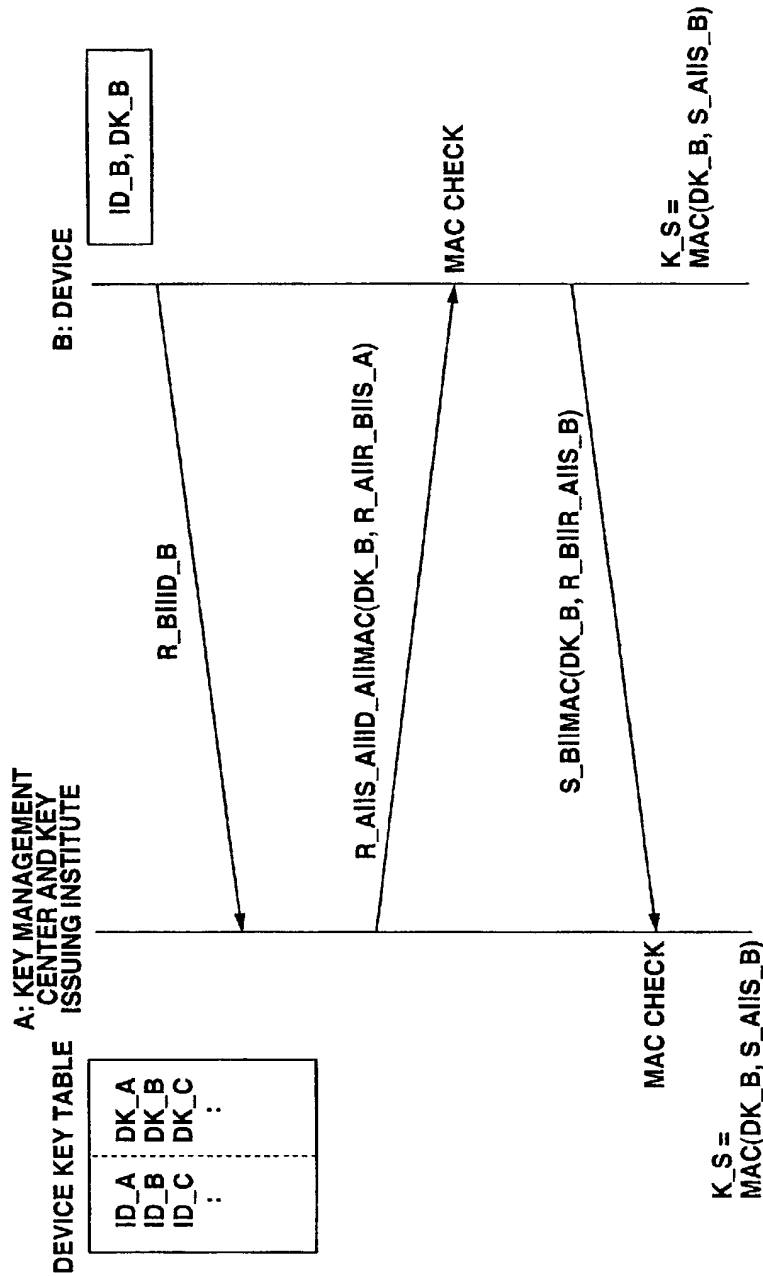


FIG.18

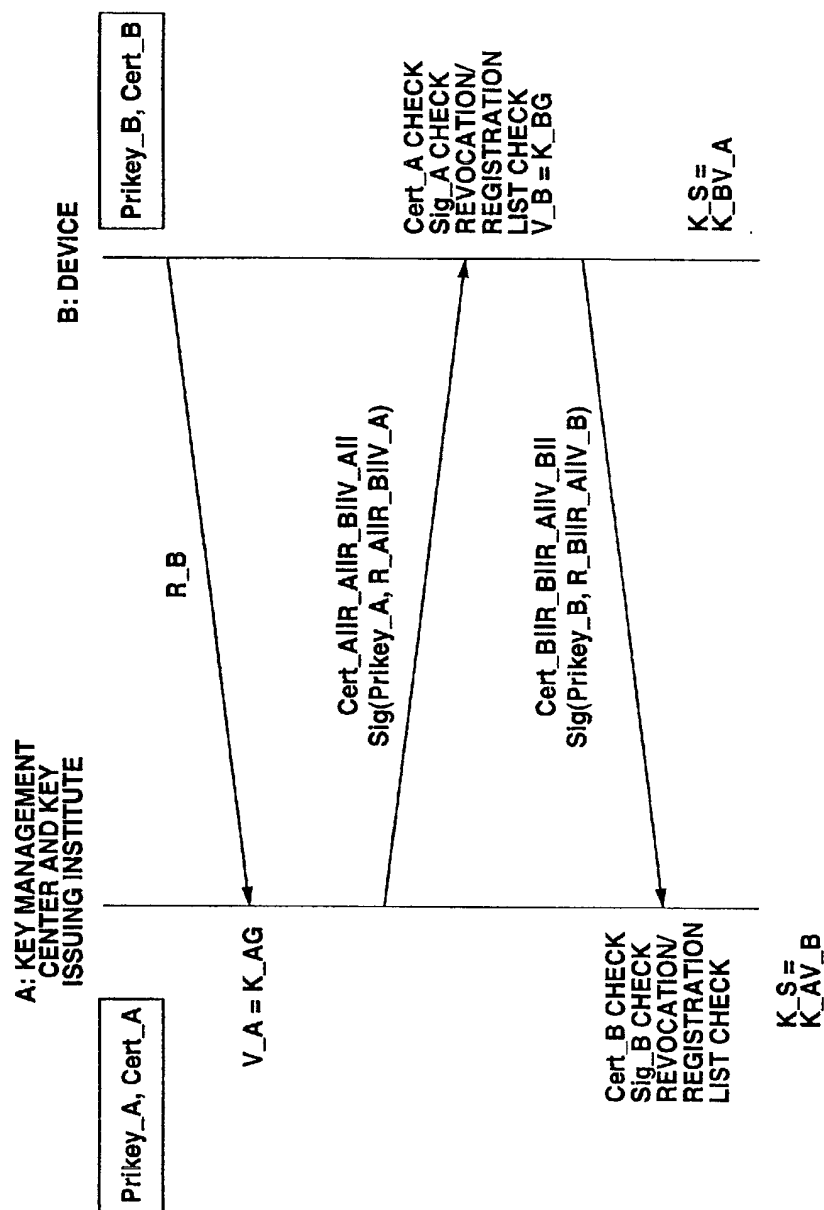


FIG.19

19/37

ID OF B (ID_B)
PUBLIC KEY OF B (Pubkey_B)
DIGITAL SIGNATURE BY CENTER TO ALL ABOVE FIELDS

FIG.20

VERSION NO.
ID FOR DEVICE TO BE REVOKED
:
DIGITAL SIGNATURE BY CENTER

FIG.21

VERSION NO.
ID OF DEVICE TO BE REGISTERED
:
DIGITAL SIGNATURE BY CENTER

FIG.22

20/37

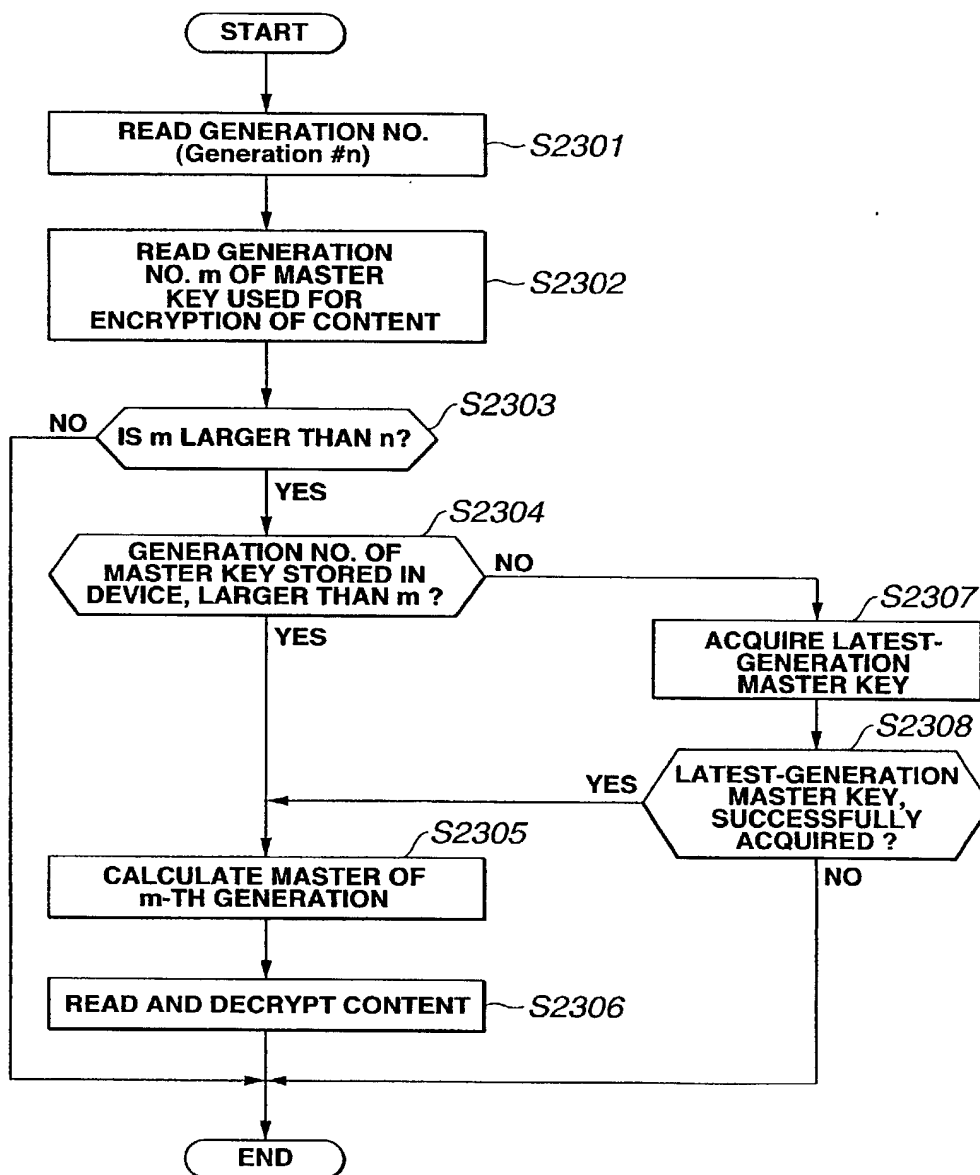


FIG.23

21/37

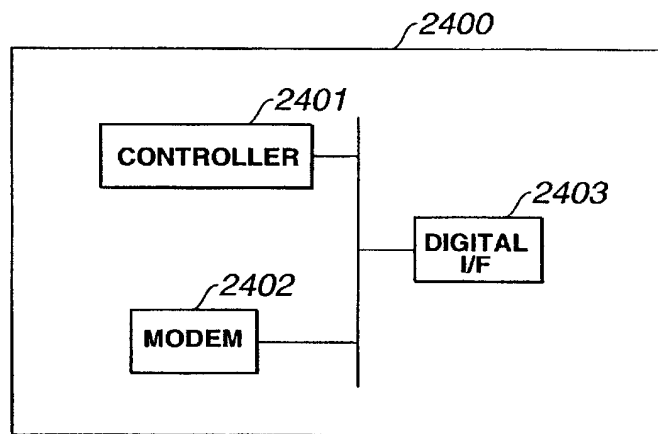


FIG.24

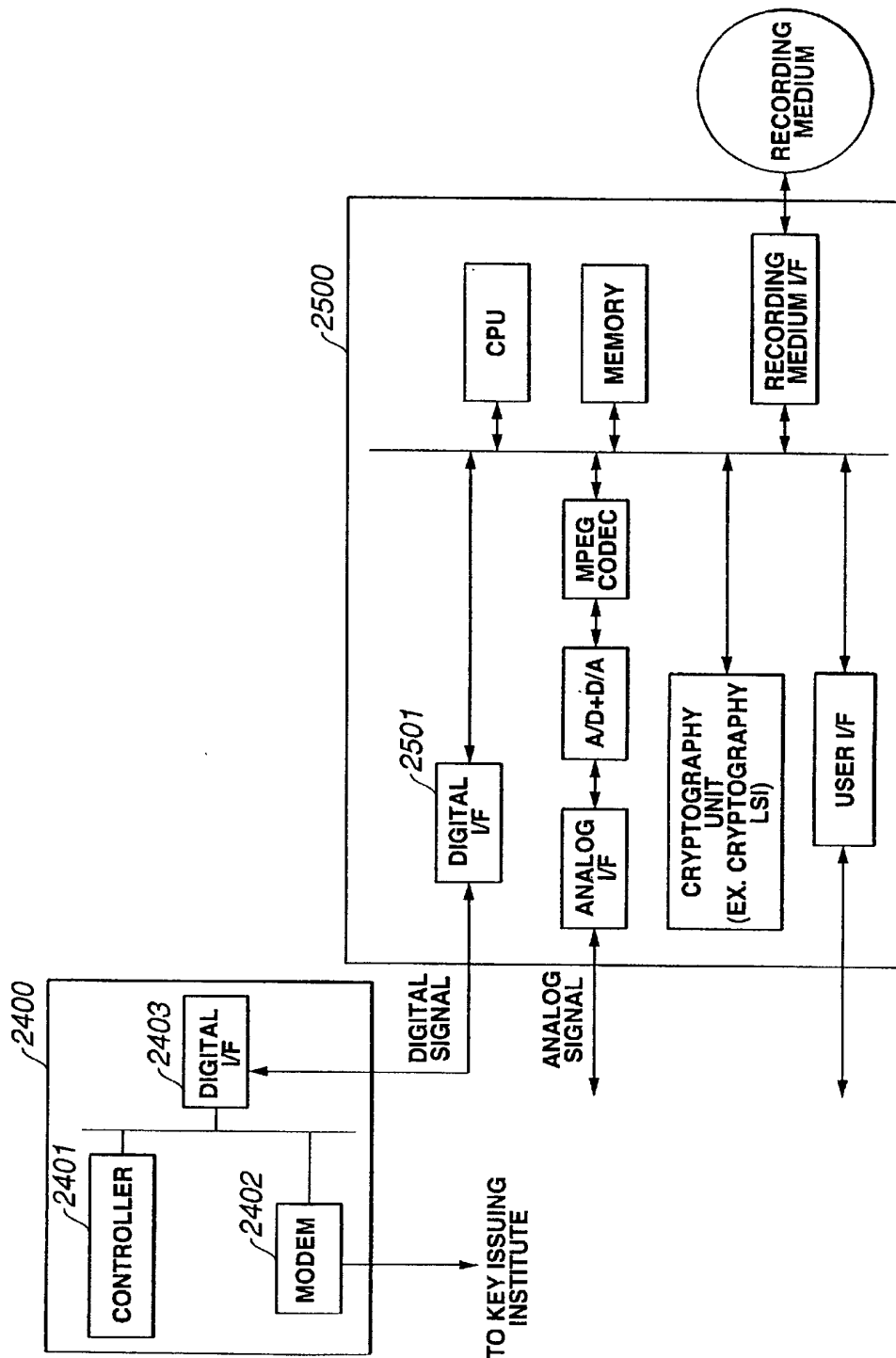


FIG.25

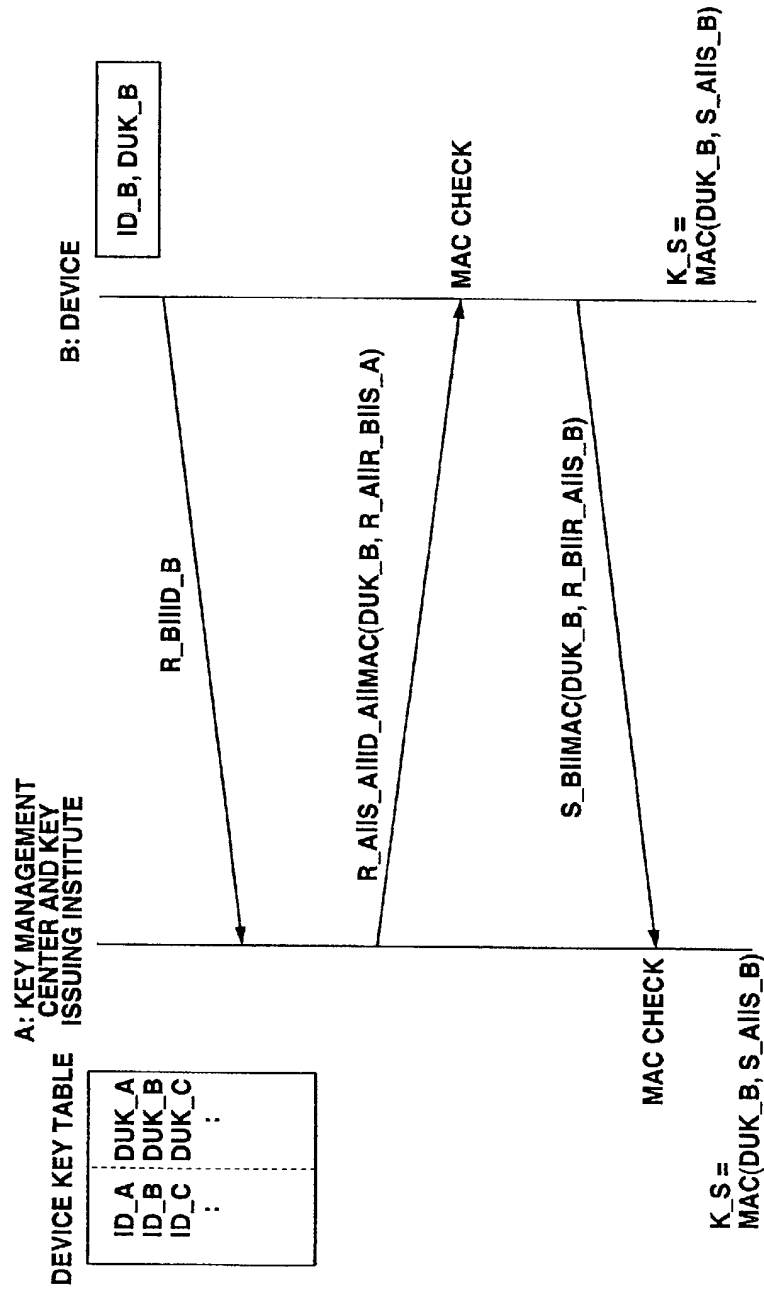


FIG.26

25/37

GENERATION #n	
DEVICE UNIQUE IDENTIFICATION NUMBER (DEVICE ID)	ENCRYPTED MASTER KEY
1	Enc(DUK_1, MK_n)
2	Enc(DUK_2, MK_n)
:	:
L	Enc(DUK_L, MK_n)

FIG.28

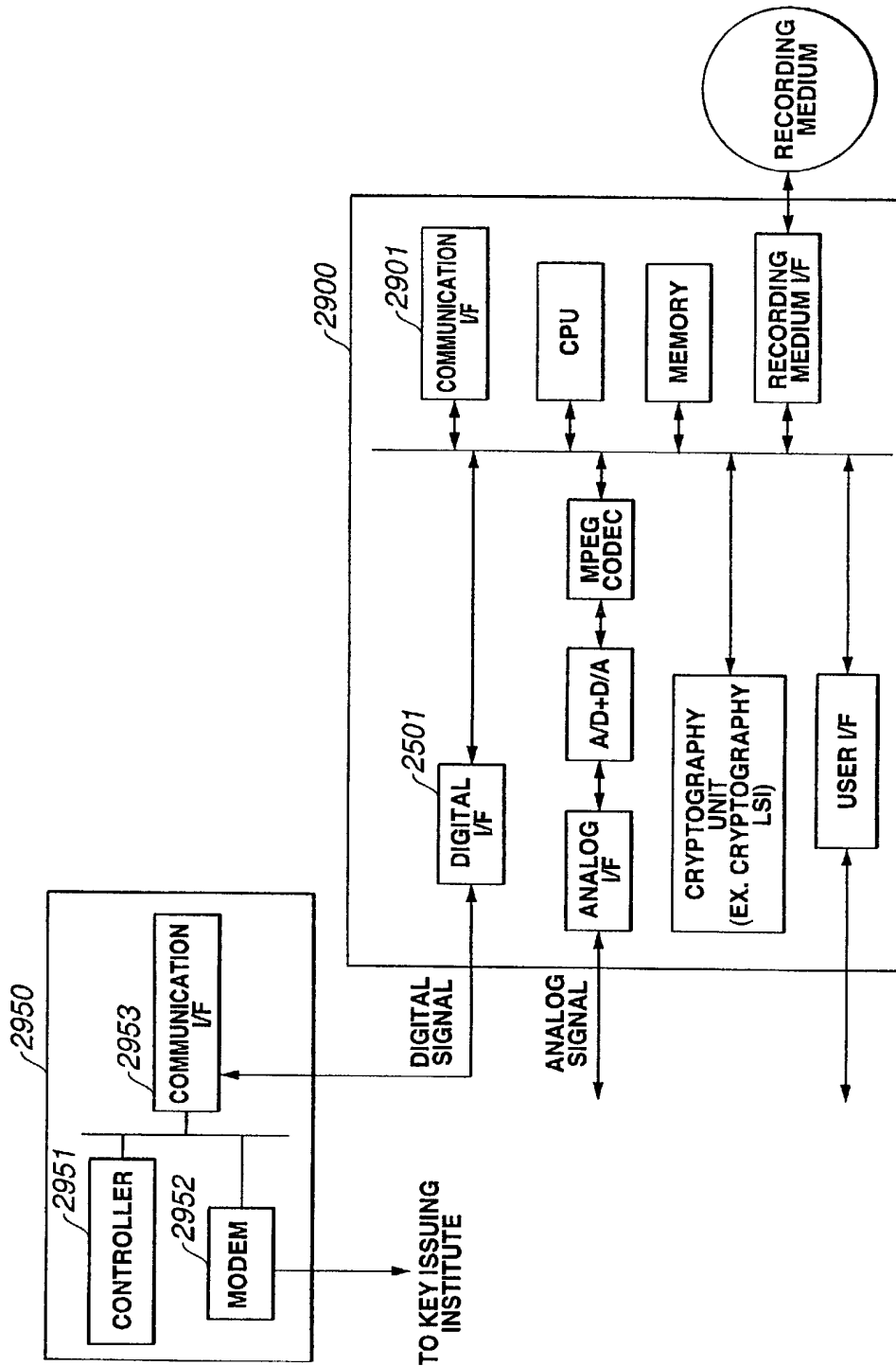


FIG.29

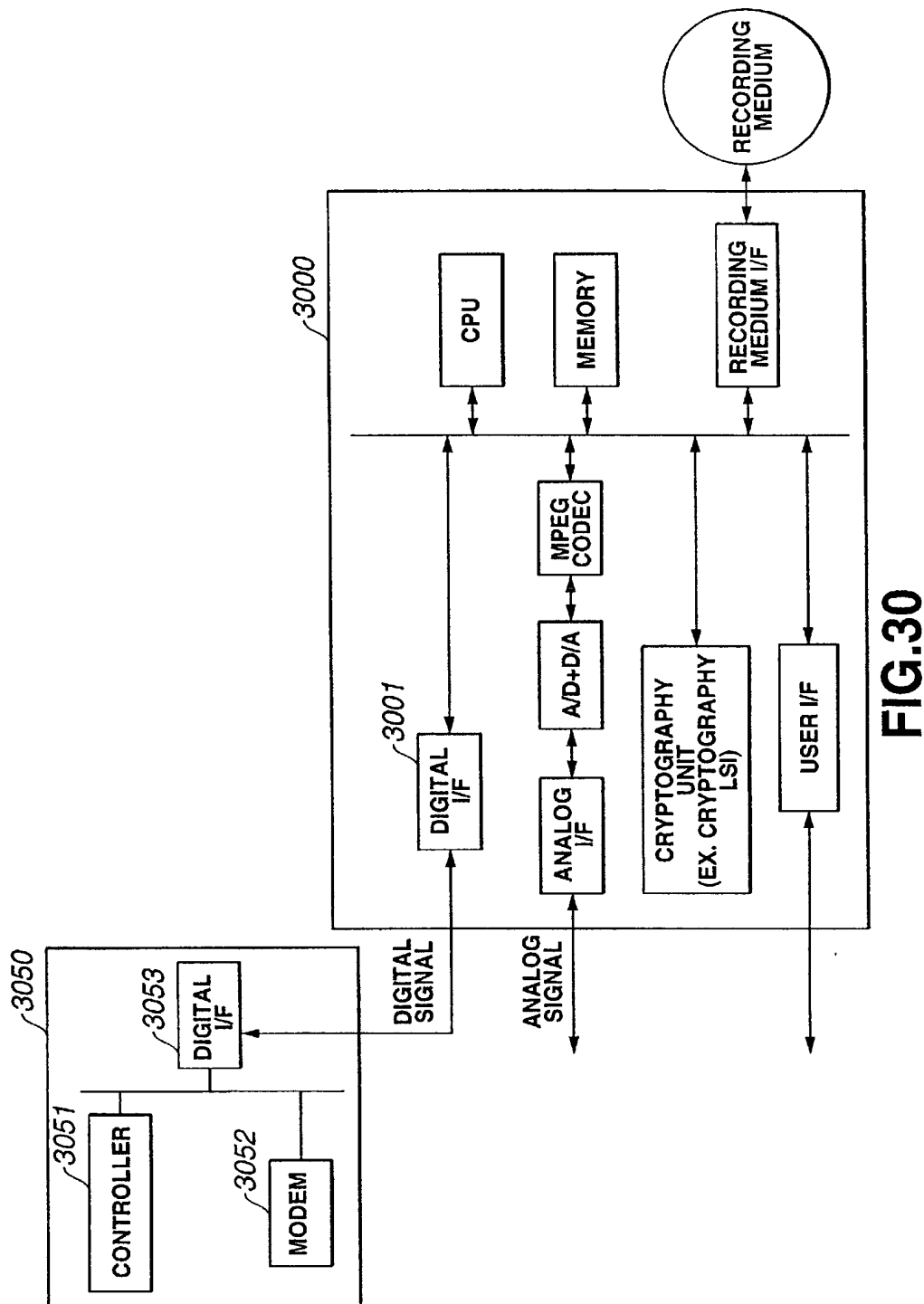


FIG.30

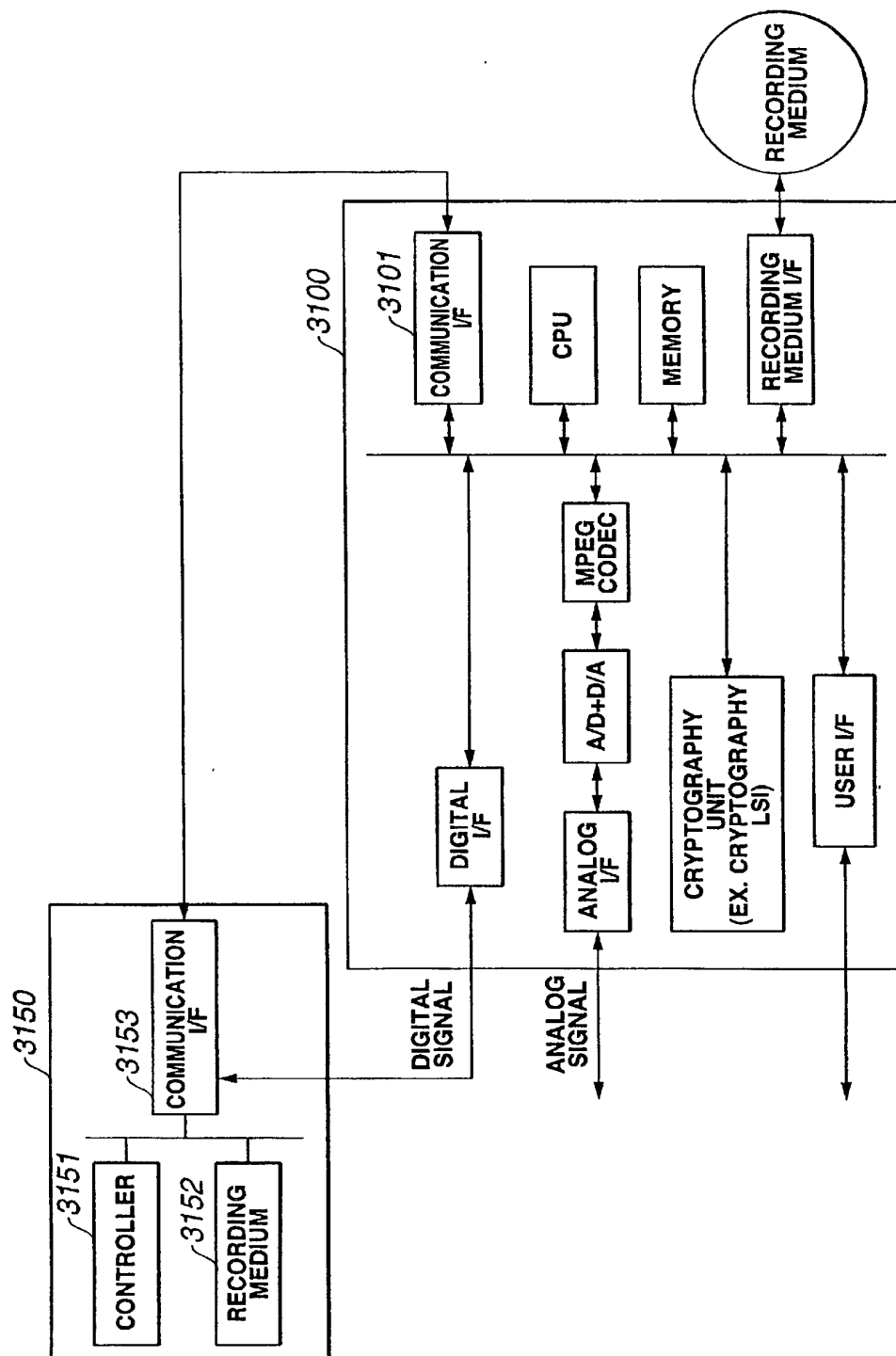


FIG.31

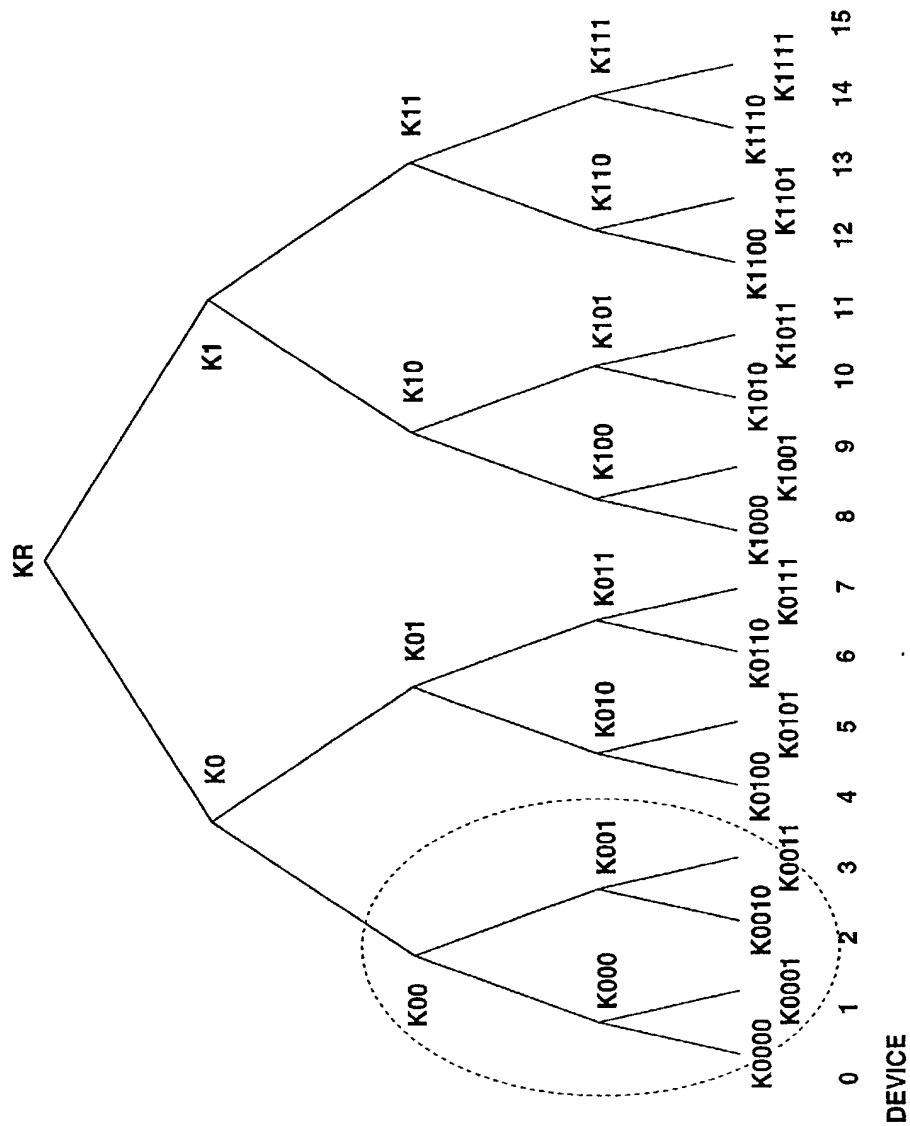


FIG.32

30/37

GENERATION : t	
INDEX	ENCRYPTION KEY
0	$\text{Enc}(K(t)0, K(t)R)$
00	$\text{Enc}(K(t)00, K(t)0)$
000	$\text{Enc}(K000, K(t)00)$
001	$\text{Enc}(K(t)001, K(t)00)$
0010	$\text{Enc}(K0010, K(t)001)$

FIG.33A

GENERATION : t	
INDEX	ENCRYPTION KEY
000	$\text{Enc}(K000, K(t)00)$
001	$\text{Enc}(K(t)001, K(t)00)$
0010	$\text{Enc}(K0010, K(t)001)$

FIG.33B

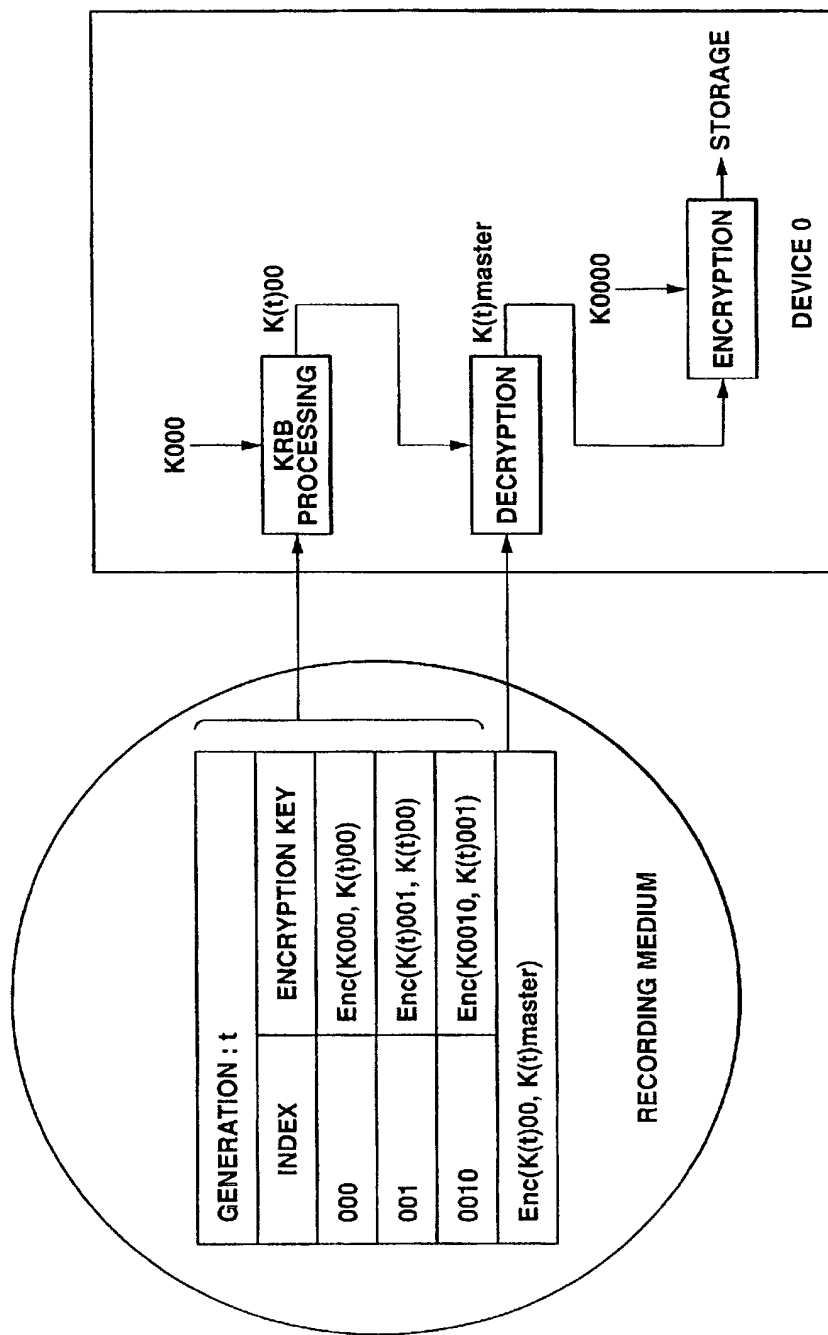


FIG.34

32/37

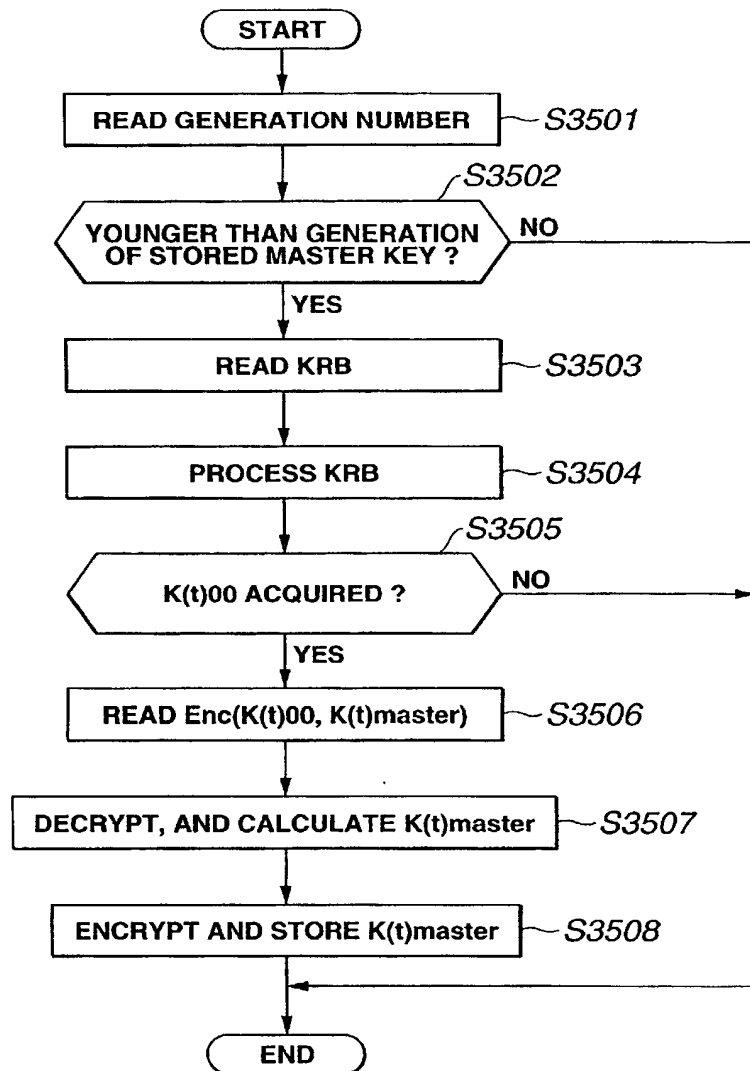


FIG.35

34/37

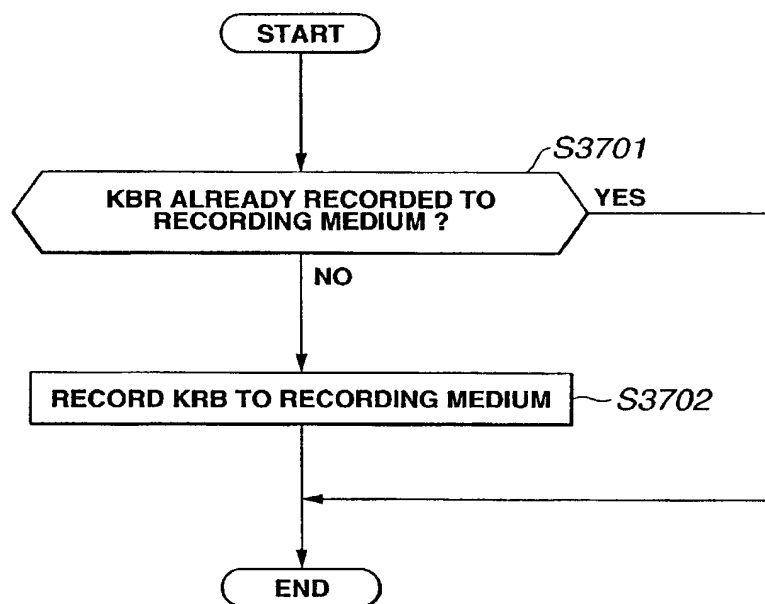


FIG.37

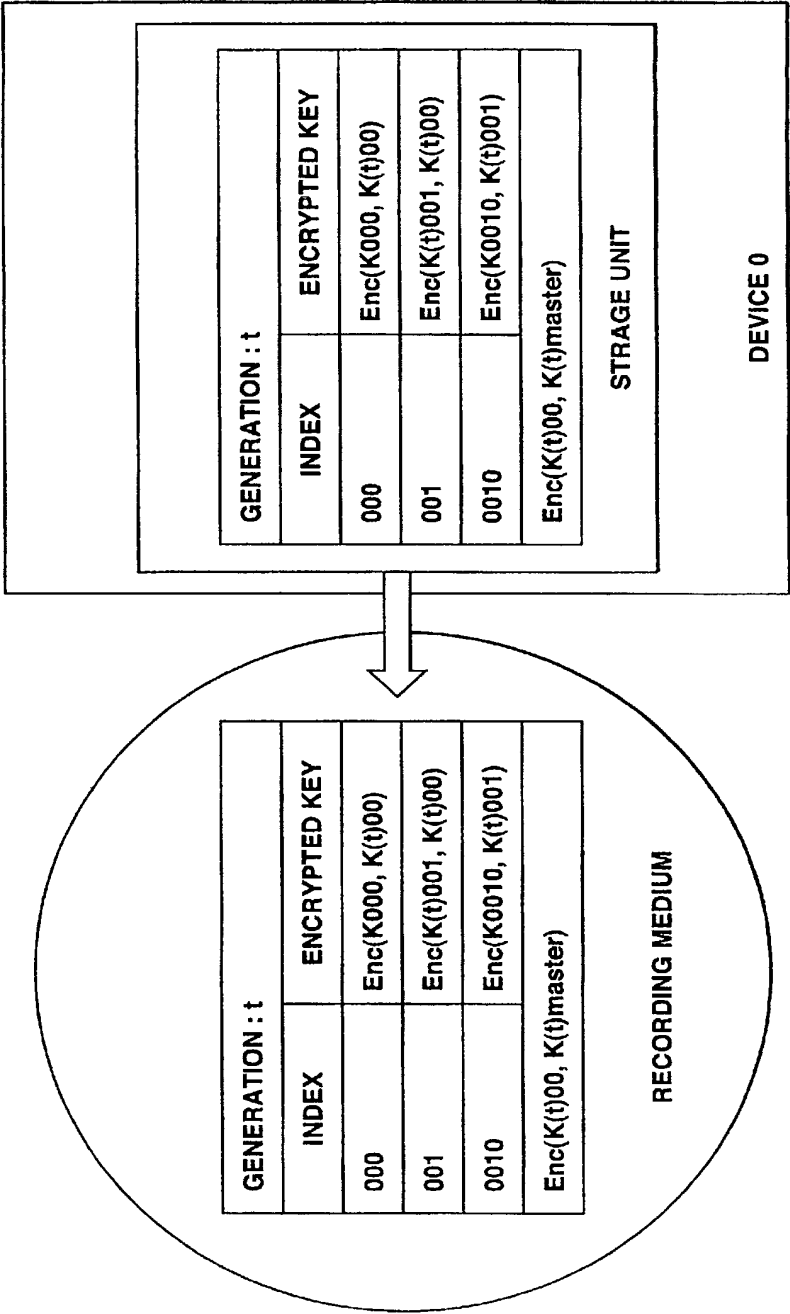


FIG.38

36/37

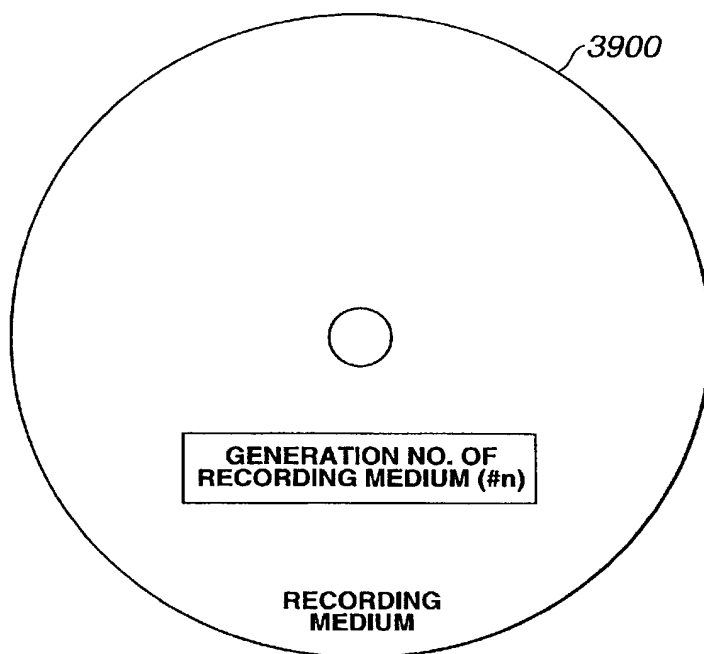


FIG.39

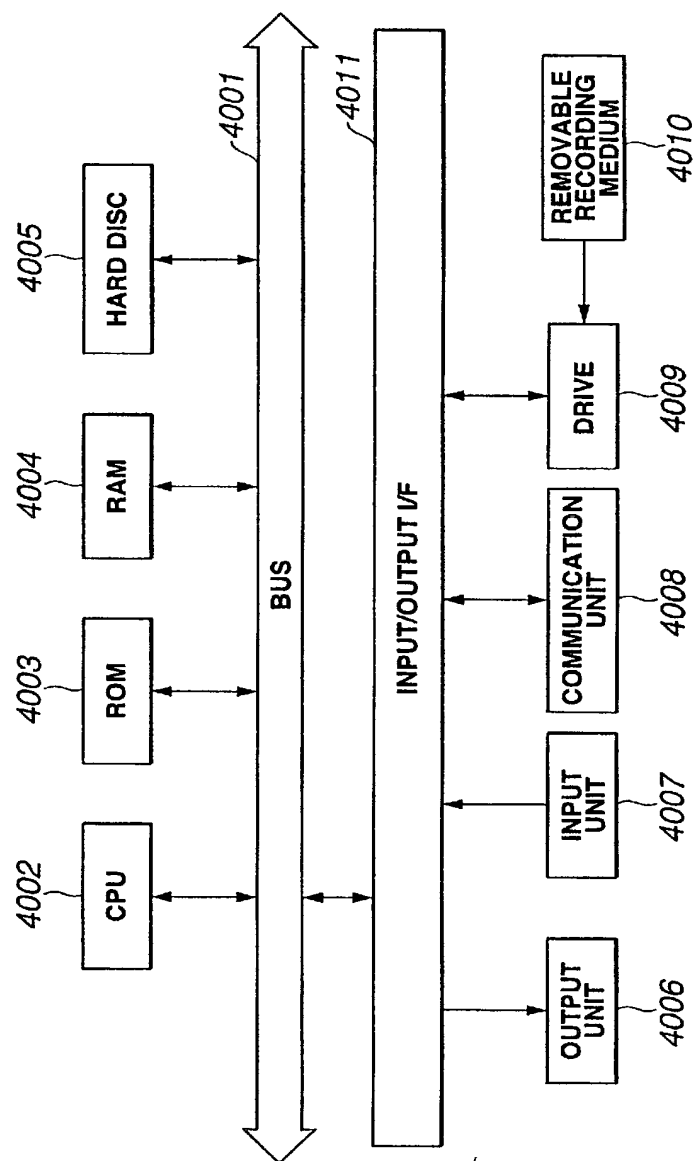


FIG.40